## INTERNATIONAL SEARCH REPORT

PCT/GB2004/003092

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04B10/155 H04L27/20								
1PC / H04B10/155 H04L2//20								
According to International Patent Classification (IPC) or to both national classification and IPC								
B. FIELDS SEARCHED								
Minimum documentation searched (classification system followed by classification symbols)								
IPC 7 HO4B HO4L								
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched								
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)								
EPO-Internal, WPI Data, PAJ								
	on the state of th							
C. DOCUMENTS CONSIDERED TO BE RELEVANT								
Category °	Citation of document, with indication, where appropriate, of the	ne relevant passages	Relevant to claim No.					
A	EP 1 271 808 A (NIPPON TELEGRA		1-5					
	TELEPHONE) 2 January 2003 (200							
	page 4, line 9 - page 6, line	<b>8</b> ,						
Α	GRIFFIN R ET AL OPTICAL SOCIETY OF AMERICA 1-5							
	/ INSTITUTE OF ELECTRICAL AND ELECTRONICS							
	ENGINEERS: "Integrated DQPSK transmitter							
	for dispersion-tolerant and dispersion-managed DWDM transm	iccion <sup>n</sup>						
9	OPTICAL FIBER COMMUNICATION CO	NEERENCE						
	(OFC). POSTCONFERENCE DIGEST.							
	MARCH 23 - 28, 2003, TRENDS IN OPTICS AND PHOTONICS SERIES. (TOPS), WASHINGTON, DC: OSA, US, vol. TOPS. VOL. 86,							
į	23 March 2003 (2003-03-23), pa	ges 770-771						
 	XP010680490	g						
	ISBN: 1-55752-746-6	·						
	the whole document							
Furti	her documents are listed in the continuation of box C.	Patent family members are listed	in annex.					
* Special categories of cited documents:  "T* later document published after the international filing date								
"A" docume	ent defining the general state of the art which is not lered to be of particular relevance	or priority date and not in conflict with cited to understand the principle or th	the application but					
"E" earlier o	document but published on or after the international	invention "X" document of particular relevance: the c	laimed invention					
filing d	ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another	cannot be considered novel or cannot involve an inventive step when the do	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone					
which citation	is cited to establish the publication date of another no or other special reason (as specified)	"Y" document of particular relevance; the cannot be considered to involve an in	laimed invention					
"O" docume other r	ent referring to an oral disclosure, use, exhibition or means	document is combined with one or more ments, such combination being obvious	ore other such docu-					
*P* docume	ent published prior to the international filing date but nan the priority date claimed	in the art.	in the art.					
	actual completion of the international search		*&* document member of the same patent family					
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2	0 October 2004	03/11/2004						
Name and n	nailing address of the ISA	Authorized officer						
	European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk							
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information on patent family members

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 1271808	A	02-01-2003	JP CN EP US	2003087201 A 1394005 A 1271808 A2 2003002121 A1	20-03-2003 29-01-2003 02-01-2003 02-01-2003